ENVIRONMENTAL BUILDING SURVEY

Project Site: Great Lakes Naval Base Building 1017

Great Lakes, Illinois

Project # 421.031.01

Prepared for:

Teng & Associates 205 North Michigan Avenue Chicago, Illinois 60601

Prepared By:

Environmental Design International inc. 200 South Michigan Avenue, Suite 700 Chicago, Illinois 60604 (312) 356-5400

June 15, 2006

TABLE OF CONTENTS	Page
EXECUTIVE SUMMARY	1
1.0 INTRODUCTION	2
2.0 ASBESTOS SURVEY	3 3 4
3.0 LEAD-BASED PAINT SURVEY 3.1 Lead Based Paint Survey Methodology 3.2 Lead Based Paint Results 3.3 Applicable Regulations	6 6
4.0 HAZARDOUS MATERIALS SURVEY	8
5.0 FINDINGS AND RECOMMENDATIONS	9
6.0 LIMITATIONS	.10
7.0 REFERENCES	.11
APPENDICES	
Appendix A: Asbestos Bulk Sample Laboratory Analytical Results & Chain of C	Sustody Sheets
Appendix B: XRF Results	
Appendix C: Inspector Licenses	

EXECUTIVE SUMMARY

Environmental Design International, inc. (EDI) was retained by Teng & Associates to perform an environmental survey of Building 1017 located at Great Lakes Naval Base in Great Lakes, Illinois. The survey included the interior plaster walls and ceilings, flooring, door and window, plumbing and ventilation systems located in the areas outlined in the drawings provided by Teng & Associates. The scope of the assessment was to identify aspects of the renovation project that may impact hazardous materials and require environmental abatement/mitigation.

The environmental survey included inspection of the above-referenced areas for asbestos-containing building materials (ACM), lead-based painted surfaces and other possible environmental hazards. The survey was conducted on June 2, 2006.

Asbestos Survey

The asbestos survey identified the following ACM that would be impacted by the proposed renovation at Great Lakes Naval Base.

- Beige and white linoleum flooring and mastic in 1st and 2nd floor exam rooms
- 12"x12" floor tile and mastic in rooms 134, 135, 112B, and throughout corridor
- 9"x9" floor tile and mastic in room 211C
- Hard elbow fittings in room 112B and in tunnel room
- North vent flashing with silver cover and patch on roof
- South vent flashing on roof
- Wrap on HVAC system ductwork to building in basement
- Elevator door in basement

Asbestos abatement specification design is required, and precautions to minimize dust during renovation should be taken. An asbestos project designer may utilize the findings of this survey to develop an asbestos abatement design for renovation.

Lead Survey

Based on XRF results, lead-based paint (LBP) was detected within the following building components located within the boundaries of the proposed renovation scope of work. For a specific listing of all components tested, please review section 3.0 of this report.

- Green 4"x 4" ceramic wall tile on 2nd floor in room 211B
- White painted 4"x 4" ceramic wall tile on 2nd floor in rooms 212, 213, 214, and 215

Hazardous Materials Survey

Flourescent light fixtures where identified in all of the proposed work areas during the survey. These light fixtures may have PCBs located within the ballasts. Multiple mercury-containing thermostats were also identified throughout the proposed work areas.

1.0 INTRODUCTION

Environmental Design International, inc. (EDI) was retained by Teng & Associates to perform an environmental survey of Building 1017 located at Great Lakes Naval Base in Great Lakes, Illinois. The survey included the interior plaster walls and ceilings, flooring systems, door and window components, and plumbing and ventilation system located in the areas outlined in the drawings provided by Teng & Associates. The scope of the assessment was to identify aspects of the renovation project that may impact hazardous materials and require environmental abatement/mitigation.

The environmental survey included inspection of the above-referenced areas for asbestos-containing materials (ACM), lead-based painted surfaces and other possible environmental hazards. Mr. Zach Clayton, an Illinois Department of Public Health (IDPH) licensed Asbestos Building Inspector (license 100-10963) and Ms. Irma Romiti, Lead Risk Assessor (license L-11781) performed the survey on June 2, 2006.

1.1 Site Location and Property Description

The subject site was a 2-story masonry structure with a basement located at Great Lakes Naval Base in Great Lakes, Illinois.

1.2 Project Purpose and Background

The renovation project includes remodeling of unoccupied areas in Building 1017 as a part of various infrastructure upgrades.

Asbestos Survey

The purpose of the asbestos survey was to identify, sample, and verify by laboratory analysis all suspect asbestos containing materials (ACM) in the proposed renovation areas within the building.

Lead-Based Paint Survey

The purpose of the lead survey was to identify and verify by X-Ray Fluorescent (XRF) testing all suspect lead-based painted areas in the proposed renovation areas within the building. Wall

components, doors and window frames (if any), mechanical equipment that were suspected of containing lead-based paint (LBP), were evaluated using an XRF Spectrum Analyzer.

Hazardous Materials Survey (Chemical & Biological)

The purpose of the hazardous materials survey was to identify potential environmental issues that may be a concern in the areas of proposed renovation within the building. Flourescent light fixtures where identified in all of the proposed work areas during the survey. These light fixtures may have polychlorinated biphenyls (PCBs) located within the ballasts. Multiple mercury-containing thermostats were also identified throughout the proposed work areas.

2.0 ASBESTOS SURVEY

The asbestos survey consisted of an inspection of interior locations that would be impacted by renovation activities as outlined in the proposed scope of work submitted by the architect. The survey included representative interior walls, ceilings, and floors throughout the structure. Additionally, areas were inspected to determine and quantify suspect asbestos-containing materials (ACM). Samples were collected for laboratory analysis, and a copy of the most recent AHERA management plan was reviewed and interviews with the building engineer were also conducted.

2.1 Asbestos Survey Methodology

During the inspection, EDI performed a visual examination of the rooms, including interior walls, floors, and ceilings to identify homogeneous areas of suspected ACM. The asbestos survey did not include concealed areas or those behind walls. Homogeneous areas are materials that are similar in color, texture, and general appearance, and which appear to have been installed in the same time period. The asbestos survey was performed in accordance with EPA guidance document Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials (EPA 560/5085-030a, October 1985).

Bulk asbestos samples were collected using wet sampling methods and a coring device or sample cutter, as appropriate, to collect a cross-section of the suspect material. Sample collection materials were decontaminated by washing with soap and water and dried by disposable towels to avoid cross contamination.

Bulk ACM samples were placed into clean and unused bags marked with a unique sample identification number (for example, #11-31). For each sample, the identification number, brief material description, location, condition and estimated quantity of ACM was recorded on a bulk sample log sheet.

Proper chain-of-custody procedures were followed for this survey. These procedures provide a written tracking mechanism that lists the person responsible for the sample from collection to

laboratory delivery. Sample identification numbers, sample locations and material descriptions were recorded on the chain of custody forms.

All samples were analyzed at EDI's asbestos laboratory, EDI Labs, Inc., in Chicago, Illinois, which is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

Samples were analyzed by Polarized Light Microscopy (PLM) supplemented with dispersion staining. PLM is an U.S. Environmental Protection Agency (EPA)-approved method, which utilizes light microscope equipped with polarized filters (EPA Method 600/R-93/116). It should be noted that some materials may not be accurately identified and/or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard polarized light microscopy method. Transmission Electron Microscopy (TEM) is required for a more definitive analysis of these materials.

2.2 Asbestos Survey Results

EPA defines ACM as material that contains greater than one (1) percent asbestos by PLM analysis. The following table list materials sampled during the survey. Materials highlighted in **bold** in the following table were identified as ACM. Laboratory results are provided in Appendix A.

Table 1. Asbestos Containing Materials (PLM)

		Bak a middle Kenineski opionis
Ceiling Insulation	Throughout Bldg.	Negative
White Baseboard	Exam Rooms	Negative
White Baseboard Mastic	Exam Rooms	Negative
Beige/White Linoleum Floor	Exam Rooms	Positive
Beige/White Linoleum Floor/Mastic	Exam Rooms	Positive
Radiator Pipe Insulation	Exam Rooms	Negative
Plaster Walls	Throughout Bldg.	Negative
12"x12" F.T.	Room 134	Positive
12"x12" F.T. Mastic	Room 134	Positive
Ceramic Grout	1 st Floor Men's Bathroom	Negative
Ceiling Plaster	Men's Locker Room	Negative
12"x12" F.T. Grey/White streaks	Corridor Patch Area	Negative
12"x12" F.T. Grey/White streaks		Negative
Mastic	Corridor Patch Area	regative
12"x12" Cream w/ Taupe streaks	Corridor Throughout	Positive
12"x12" Cream w/ Taupe streaks		Positive
Mastic	Corridor Throughout	l ssistive
Green Baseboard	Corridor Throughout	Negative
Green Baseboard Mastic	Corridor Throughout	Negative
Blue Baseboard Mastic	1st Floor Conference Room	Negative
Blue Baseboard	1st Floor Conference Room	Negative
Pipe Insulation	Room 135	Negative
2'x4' Ceiling Tile	Room 135	Negative

Bourgeneous Areas	Takadha, ²⁰	Results:
12"x12" Multi Layer/Under Carpet	Room 135	Positive
12"x12" Multi Layer Mastic	Room 135	Positive
12"x12" F.T. White/Beige streaks	South West Vestibule 112B	Positive
12"x12" F.T. White/Beige streaks		
Mastic	Southwest Vestibule 112B	Positive
Pipe Insulation	Southwest Vestibule 112B	Negative
Hard Elbow	Southwest Vestibule	Positive
Tan Baseboard	Room 138	Negative
Tan Baseboard Mastic	Room 138	Negative
White/Blue speck Linoleum	Room 122	Negative
White/Blue speck Linoleum/Mastic	Room 122	Negative
Stair Tread & Mastic	Stairwell	Negative
9"x9" F.T. Green w/White streaks	Room 211-C	Positive
9"x9" F.T. Green w/White		
streaks/Mastic	Room 211-C	Positive
N. Vent Flashing Silver Cover	Roof	Positive
N. Vent Flashing Patch	Roof	Positive
Flashing on Southern Vents	Roof	Positive
35x15 Duct work HVAC	Basement	Negative
HVAC system wrap on Duct Work	Basement	Negative
TSI on water lines	Basement	Negative
HVAC system wrap exterior	Basement	Negative
TSI on pipe around room	Tunnel Room	Negative
Hard Elbows on Pipes	Tunnel Room	Positive
Elevator Door	Basement	Positive

2.3 Applicable Regulations

EPA's NESHAP (40 CFR 61, Subpart M) categorizes asbestos-containing thermal system insulation (TSI) and sprayed-on or troweled-on asbestos as regulated ACM (RACM). Miscellaneous materials (floor tile and floor tile mastic) are classified as Category I Non-Friable Asbestos; and transite material is classified as Category II Non-Friable Asbestos, unless the material is made friable during demolition. Friable ACM is material that can be crumbled, pulverized, or reduced to a powder by hand.

NESHAP requires at least ten (10) working days' notification prior to any renovation or demolition activity that will disturb greater than 160 square feet or 260 linear feet of ACM materials. ACM removed during abatement must be disposed of at a landfill approved by the EPA to receive asbestos wastes.

The Occupational Safety and Health Administration (OSHA) Construction Industry Standard (29 CFR 1926.1101) categorizes the removal of spray-on asbestos or TSI as Class I removal work and the removal of flooring and transite materials as Class II removal work. Specific requirements for the removal of Class I and Class II materials include, but are not limited to, regulated work areas, air monitoring, engineering controls, work practices, personal protective equipment, notification and training.

IDPH requires that an IDPH-licensed abatement contractor perform removal of friable ACM from the interior of facilities. In addition, the personnel performing the asbestos removal must be IDPH-licensed workers overseen by an IDPH-licensed supervisor. An IDPH-licensed asbestos project designer should be used to design the abatement of ACM.

The U.S. Department of Transportation (DOT) and Illinois Department of Transportation (IDOT) require special procedures for packaging, labeling and transportation of asbestos wastes to disposal facilities.

3.0 LEAD-BASED PAINT SURVEY

A survey to identify lead-based paint consisted of an inspection of interior locations that would be impacted by renovation activities as defended by the proposed scope of work submitted by the architect. The survey included representative interior surfaces and components located throughout the structure.

3.1 Lead Based Paint Survey Methodology

XRF testing using a MAP-4 XRF analyzer (Serial No. 1489) was conducted on random homogeneous surfaces found within the proposed renovation areas. The inspection was conducted in accordance with the 1997 revision of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, using the single and/or multi-dwelling family unit approach.

3.2 Lead-Based Paint Survey Results

HUD guidelines define lead-based paint as paint containing 0.5 percent or greater lead by weight (when calculated as lead metal in a dried solid form), or 1.0 milligrams per square centimeter (mg/cm²) or greater using an XRF analyzer. Laboratory results provided in Appendix B.

The following components throughout areas outlined on the renovation drawings provided by Teng & Associates were tested for lead content. Materials highlighted in **bold** on the following table were identified as lead-based paint. Laboratory results are provided in Appendix B

Table 2. Lead-Based Paint

Homogeneous Area	Location Control of	Results
White Plaster Walls	Room 102 (North (N), South (S), East (E), West (W) Walls)	Negative
Brown Door	Room 102	Negative
Green Door Case	Room 102	Negative
White Radiator	Room 102	Negative
White Metal Ceiling	Room 102	Negative
White Brick	l st & 2 nd Floor Hallway (N, E, S, W Walls)	Negative

	in the state of th	Position .		
Metal Ceiling	Hallway Throughout Building	Negative		
White Plaster	1 st & 2 nd Floor Hallway-	Negative		
	N, E, S, W Walls			
Purple Metal Raceway	Hallway Throughout Building	Negative		
Green Meatal Entry Door	North Wing	Negative		
White Plaster	Mens Locker Room 134-	Negative		
	N, E, S, W Walls			
White Plaster	Mens Locker Room 134- Ceiling	Negative		
Cream Plaster	Mens Washroom 133-	Negative		
C DI	N, E, S, W Walls			
Cream Plaster	Mens Washroom 133- Ceiling	Negative		
Beige Brick	Mens Washroom 133-	Negative		
Brown Door	N, E, S, W Walls Mens Washroom 133	Name		
Beige Partitions	Mens Washroom 133	Negative Negative		
Brown Ceramic Floor	Mens Washroom 133	Negative		
White Wood Paneling	1st Floor Conference Room-	Negative Negative		
white wood ranching	N, E, W Walls	Negative		
Green Plaster	Main Floor Reception Area	Negative		
White Plaster	Room 107-	Negative Negative		
	N, E, S, W Walls	Ivegative		
Metal Ceiling	Room 107	Negative		
White Radiator	S.W. Vestibule 112B- N Wall	Negative		
Door .	S.W. Vestibule 112B- E Wall	Negative		
Door Jamb	S.W. Vestibule 112B- E Wall	Negative		
White Plaster	Room 115- N, E, S, W Walls	Negative		
Radiator	Room 115- W Wall	Negative		
Door Case	Room 115	Negative		
Cream Cinderblock	Room 147- N, E, S, W Walls	Negative		
White Plaster	Female Locker Room- S Wall	Negative		
White/Grey Glazed Brick	Room 142- N, E, S,W Walls	Negative		
White Brick	N. Stairwell- N, E, S, W Walls	Negative		
White Brick	N. Stairwell- E. Wall	Negative		
White Brick	N. Stairwell- S. Wall	Negative		
White Brick	N. Stairwell- W. Wall	Negative		
Green Stair Riser	N. Stairwell	Negative		
Stringger	N. Stairwell	Negative		
Railings	N. Stairwell	Negative		
Door	N. Stairwell	Negative		
Green Door Jamb	N. Stairwell	Negative		
Green Door	N. Stairwell- 2 nd Floor	Negative		
Cream Plaster	Room 211C- N, E, S,W Walls	Negative		
Green 4"x4" Ceramic tile	Room 211B- N, E, S, & W Walls	Positive		
White Painted 4"x4" tile	Room 212- N, E, S, & W Walls	Positive		
White Painted 4"x4" tile	Room 213- N, E, S, & W Walls	Positive		
White Painted 4"x4" tile	Room 214- N, E, S, & W Walls	Positive		
White Painted 4"x4" tile	Room 215- N, E, S, & W Walls	Positive		

Table 2. Lead-Based Paint (Continued)

White Stall Partitions	Room 339	Negative
Gery Brick	Room 339- N, E, S, W Walls	Negative
Grey Textured Paint	Central Stairwell- Stair Riser	Negative
Grey Textured Paint	Central Stairwell- Stair Stringer	Negative
Grey Textured Paint	Central Stairwell- Stair Handrail	Negative
White Paint Brick	Central Stairwell- Walls	Negative

3.3 Applicable Regulations

The HUD Guidelines cover topics such as lead-based paint inspections/risk assessments, abatement options and methods, worker protection, occupant protection, cleanup, clearance, and waste disposal. Except for those parts pertaining exclusively to housing, the guidelines can be used as resource information and methodologies for identifying and abating lead-based paint hazards in buildings.

The Illinois Administrative Code (Title 77, Chapter I845, and Subchapter p) defines lead abatement/mitigation as the remediation of a lead hazard so that the lead bearing substance does not pose an immediate health hazard to humans. A lead hazard is deemed to have been mitigated if the following conditions have been met:

- The surface that is the source of lead is no longer in a condition that produces a hazardous level of leaded chips, flakes, dust or any other form of leaded substances, that can be ingested or inhaled by humans; or
- The leaded surface is not accessible to children, the surface coating is covered or the access to the leaded surface is otherwise prevented.

The Department of Transportation (DOT) and Illinois Department of Transportation (IDOT) require that during disposal, lead-based paint waste be properly containerized and transported by a licensed waste hauler.

Asbestos abatement specification design is required, and precautions to minimize dust during renovation should be taken. An asbestos project designer may utilize the findings of this survey to develop an asbestos abatement design for renovation.

4.0 Hazardous Materials Survey

Flourescent light fixtures where identified in all of the proposed work areas during the survey. These light fixtures may contain PCBs located within there ballast. Multipule mercury containing thermostats were also identified throughout the proposed work areas.

5.0 FINDINGS AND RECOMMENDATIONS

The following is a summary of the findings and recommendations based on the environmental work performed at the subject property.

Environmental Building Survey

Asbestos Survey

The asbestos survey identifed the following ACBM that would be impacted by the proposed renovation.

- Beige and white linoleum flooring and mastic in 1st and 2nd floor exam rooms
- 12"x 12" floor tile and mastic in rooms 134, 135, 112B, and throughout corridors
- 9"x 9" floor tile and mastic in room 211C
- Hard elbow fittings in the southwest vestibule and in tunnel room
- North vent flashing with silver cover and patch on roof
- South vent flashing on roof
- Elevator Door in Basement
- HVAC system wrap on ductwork to building in basement

Asbestos abatement specification design is required, and precautions to minimize dust during renovation should be taken. An asbestos project designer may utilize the findings of this survey to develop an asbestos abatement design for renovation.

Lead Survey

Based on XRF results, lead-based paint (LBP) was detected within the following building components located within the boundaries of the proposed renovation scope of work.

- Green 4"x4" ceramic in room #211B
- White Painted 4"x4" tile in rooms 212, 213, 214, and 215

6.0 LIMITATIONS

This report is based solely on the scope of work provided and the assumptions based on this limited access survey. Any new information that becomes available concerning the subject site should be provided to EDI so that our evaluations, conclusions, and recommendations may be revised and modified accordingly. All materials tested are assumed homogeneous throughout the proposed renovation areas.

7.0 REFERENCES

Code of Federal Regulations (CFR), 40 CFR 763, (Asbestos Hazard Emergency Response Act)

Code of Federal Regulations (CFR), 29 CFR 1926.1101 (OSHA, Asbestos)

Code of Federal Regulations (CFR), 29 CFR 1926.62 (OSHA, Lead-Based Paint)

Code of Federal Regulations (CFR), 29 CFR 1910.134 (OSHA Respiratory Protection)

Code of Federal Regulations (CFR), 40 CFR 61 (NESHAP, Asbestos)

Code of Federal Regulations (CFR), 40 CFR 261 (Hazardous List)

State of Illinois Administrative Code, 35 Ill. Adm. Code 721.102, Subpart C

State of Illinois Administrative Code, 35 Ill. Adm. Code Section 733

State of Illinois Administrative Code, 35 Ill. Adm. Code Section 808, 809, and 810 (Special Waste)

State of Illinois Administrative Code, 105 ILCS Section 105

State of Illinois Administrative Code, 225 ILCS 207

State of Illinois Administrative Code, 77 Ill. Adm. Code Section 855

U.S. Department of Housing and Urban Development, 1995. Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, Washington D.C.

Appendices

Appendix A: Asbestos Bulk Sample Laboratory Analytical Results & Chain of Custody Sheets

Environmental Design International

200 S. Michigan Ave. Suite 700 Chicago, IL 60604

LABORATORY ANALYSIS REPORT

BATCH# 501167

Bulk Asbestos Identification

Client Client Refe	rence	421.0	31.01	Site Send	Bldg. 1017 Greer Zach Clayton	eat Lake	s Nava	l Base
Date Colle	cted 06	6/02/20	006 by Joseph Anzlo 006 by Zach Clayton 116, using Polarized	Date	-			oh Anzlovar y Bennett
Field #	Lab #	Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
01-01	1	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Black Gray	Throught Building Ceiling Insulation
01-02	2	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Black Gray	Throught Building Ceiling Insulation
01-03	3	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Black Gray	Throught Building Ceiling Insulation
02-04	4	No			Binder 100		Tan White	Exam Rooms White Baseboard
02-05	5	No			Binder 100		Tan White	Exam Rooms White Baseboard
02-06	6	No			Binder 100		Tan White	Exam Rooms White Baseboard
02-04 M	7	No			Binder 100	Yes	Brown	Exam Rooms White Baseboard Mastic
02-05 M	8	No			Binder 100	Yes	Brown	Exam Rooms White Baseboard Mastic
02-06 M	9	No			Binder 100	Yes	Brown	Exam Rooms White Baseboard Mastic
03-07	10	Yes	Chrysotile 15 - 20	Cellulose 15 - 20	Binder 60		White	Exam Rooms Beige & White Linoleum Flooring
03-08	11	Yes	Chrysotile 15 - 20	Cellulose 15 - 20	Binder 60		Gray White	Exam Rooms Beige & White Linoleum Flooring
03-09	12	Y	Chrysotile 15 - 20	Collisions 15, 20	Binder CO		Gray	
03-03	12	Yes	Chrysonie 15 - 20	Cellulose 15 - 20	Binder 60		White	Exam Rooms Beige & White Linoleum Flooring

Bulk Asbestos Identification

Client Client Refe	erence	421.0	31.01	Site Send	Bldg. 1017 Gr er Zach Clayton		s Nava	Base
Date Colle	cted 06	5/02/20	006 by Joseph Anzk 006 by Zach Claytor 116, using Polarized	Date	Analyzed 06/03 Reported 06/05		•	oh Anziovar y Bennett
Field #	Lab #	Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
03-07 M	13	Yes	Chrysotile 1 - 5		Binder 95	Yes	Tan	Exam Rooms Beige & White Linoleum Flr Mastic
03-08 M	14	Yes	Chrysotile 1 - 5		Binder 95	Yes	Tan	Exam Rooms Beige & White Linoleum Flr Mastic
03-09 M	15	Yes	Chrysotile 1 - 5		Binder 95	Yes	Tan	Exam Rooms Beige & White Linoleum Flr Mastic
04-10	16	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Brown Black Silver	Exam Rooms Radiator Pipe Insulation
04-11	17	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Brown Black Silver	Exam Rooms Radiator Pipe Insulation
04-12	18	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Brown Black Silver	Exam Rooms Radiator Pipe Insulation
05-13	19	No			Binder 100		White Gray	Throughout Building Plaster Walls
05-14	20	No			Binder 100		White Gray	Throughout Building Plaster Walls
05-15	21	No			Binder 100		White Gray	Throughout Building Plaster Walls
06-16	22	No			Binder 100		White	Room 134 12"x12" Dark Grey w/ streaksF.T.
06-17	23	Yes	Chrysotile 5 - 10		Binder 90	Yes	Gray	Room 134 12"x12" Dark Grey w/ streaks F.T.
06-18	24	Yes	Chrysotile 5 - 10		Binder 90	Yes	Gray	Room 134 12"x12" Dark Grey w/ streaks F.T.

Bulk Asbestos Identification

Client Client Refe	rence	421.0	31.01	Site Sen	Site Bldg. 1017 Great Lakes Naval Base Sender Zach Clayton			
	cted 06	/02/20	006 by Joseph Anzlo 006 by Zach Claytor 116, using Polarized	n Date	•		•	ph Anzlovar y Bennett
Field #	1 1	Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
06-16 M	25	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 134 12"x12" Dark Grey w/ streaks F.T. Mastic
06-17 M	26	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 134 12"x12" Dark Grey w/ streaks F.T. Mastic
06-18 M	27	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 134 12*x12" Dark Grey w/ streaks F.T. Mastic
07-19	28	No			Binder 100	Yes	Gray	1st Fir Mens 8th. Rm Ceramic Grout
07-20	29	No			Binder 100	Yes	Gray	1st Fir Mens 8th. Rm Ceramic Grout
07-21	30	No	1		Binder 100	Yes	Gray	1st Fir Mens Bth. Rm Ceramic Grout
08-22	31	No			Binder 100	Yes	Gray	Mens Locker Rm. Ceiling Plaster
08-23	32	No	<u> </u>		Binder 100	Yes	Gray _,	Mens Locker Rm. Ceiling Plaster
08-24	33	No	<u> </u>		Binder 100	Yes	Gray	Mens Locker Rm. Ceiling Plaster
09-25	34	No			Binder 100	Yes	Gray	Corridor Patch Area 12"x12" Grey w/White streaks F
09-26	35	No		***************************************	Binder 100	Yes	Gray	Corridor Patch Area 12"x12" Grey w/White streaks F
09-27	36	No			Binder 100	Yes	Gray	Corridor Patch Area 12"x12" Grey w/White streaks F
09-25 M	37	No	1	Cellulose 5 - 10	Binder 90	Yes	Black	Corridor Patch Area 12"x12" Grey w/White streaks F
09-26 M	38	No		Cellulose 5 - 10	Binder 90	Yes	Black	Corridor Patch Area 12"x12" Grey w/White streaks F
09-27 M	39	No		Cellulose 5 - 10	Binder 90	Yes	Black	Corridor Patch Area 12"x12" Grey w/White streaks F
10-28	40	No			Binder 100	Yes	Cream	Corridor Throughout 12"x12" Cream w/Taupe streaks

Bulk Asbestos Identification

Client Client Refe	rence	421.0	31.01	Site Sen		eat Lake	s Nava	l Base
			006 by Joseph Anzlo		•	`		oh Anziovar y Bennett
			116, using Polarized		b Reported Co. Co.	,2000 5	, 110.10	y 20ou
Field #		Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
10-29	41	No			Binder 100	Yes	Cream	Corridor Throughout 12"x12" Cream w/Taupe streaks
10-30	42	No			Binder 100	Yes	Cream	Corridor Throughout 12"x12" Cream w/Taupe streaks
10-28 M	43	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Corridor Throughout 12"x12" Cream w/Taupe streaks
10-29 M	44	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Corridor Throughout 12"x12" Cream w/Taupe streaks
10-30 M	45	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Corridor Throughout 12"x12" Cream w/Taupe streaks
11-31	46	No			Binder 100		Gray	Corridor Throughout Green Base Board
11-32	47	No			Binder 100		Gray Green	Corridor Throughout Green Base Board
11-33	48	No		1	Binder 100		Gray	Corridor Throughout Green Base Board
11-31 M	49	No			Binder 100	Yes	Cream	Corridor Throughout Green Base Board Mastic
11-32 M	50	No			Binder 100	Yes	Cream	Corridor Throughout Green Base Board Mastic
11-33 M	51	No			Binder 100	Yes	Cream	Corridor Throughout Green Base Board Mastic
12-34	52	No			Binder 100	Yes	Blue	1st Fir Cnfrnce Rm. Blue Baseboard
12-35	53	No			Binder 100	Yes	Blue	1st Fir Cnfrnce Rm. Blue Baseboard
12-36	54	No			Binder 100	Yes	Blue	1st Fir Cnfrnce Rm. Blue

Bulk Asbestos Identification

Client Client Refe	erence	421.0	31.01	Site Send	Bldg. 1017 Gr er Zach Clayton		s Nava	l Base
Date Colle	cted 06	5/02/20	006 by Joseph Anzi 006 by Zach Clayto 116, using Polarized	n Date	•		-	ph Anzlovar y Bennett
Field #	Lab #	Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
		<u></u>			<u> </u>		1	Baseboard
12-34 M	55	No		Cellulose 5 - 10	Binder 90		White	1st Fir Cnfmce Rm. Blue Baseboard Mastic
							Brown Cream	
12-35 M	56	No	1	Cellulose 5 - 10	Binder 90		White	1st Fir Cnfmce Rm. Blue Baseboard Mastic
							Brown Cream	
12-36 M	57	No		Cellulose 5 - 10	Binder 90		White	1st Fir Cnfmce Rm. Blue Baseboard Mastic
							Brown Cream	
13-37	58	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Brown Silver	Room 135 Pipe Insulation
13-38	59	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Brown Silver	Room 135 Pipe Insulation
13-39	60	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Brown Silver	Room 135 Pipe Insulation
14-40	61	No		Fibrous Glass 30 - 35 Cellulose 30 - 35	Binder 30		White Gray	Room 135 2'x4' Ceiling Tile
14-41	62	No		Fibrous Glass 30 - 35 Cellulose 30 - 35	Binder 30		White Gray	Room 135 2'x4' Ceiling Tile
14-42	63	No		Fibrous Glass 30 - 35 Cellulose 30 - 35	Binder 30		White Gray	Room 135 2'x4' Ceiling Tile
15-43	64	Yes	Chrysotile 1 - 5		Binder 95	Yes	Brown	Room 135 12"x12" Multi-Layer F.T. Under Carpet
15-44	65	Yes	Chrysotile 1 - 5		Binder 95	Yes	Brown	Room 135 12"x12" Multi-Layer F.T. Under Carpet
15-45	66	Yes	Chrysotile 1 - 5		Binder 95	Yes	Brown	Room 135 12"x12" Multi-Layer F.T. Under Carpet

Bulk Asbestos Identification

Client Client Refe	rence 421.0	31.01	Site Send	Site Bldg. 1017 Great Lakes Naval Base Sender Zach Clayton Date Analyzed 06/03/2006 by Joseph Anzlovar Date Reported 06/05/2006 by Kelley Bennett			
Date Collec	cted 06/02/20	006 by Joseph Anzl 006 by Zach Clayto 116, using Polarized	n Date				
Field #	Lab Asb # Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- Color mo- gen.	Description, Location	
15-43 M	67 Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes Black	Room 135 12"x12" Multi-Layer F. Under Carpet Mas	
15-44 M	68 Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes Black	Room 135 12"x12" Multi-Layer F. Under Carpet Mas	
15-45 M	69 Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes Black	Room 135 12"x12" Multi-Layer F. Under Carpet Mas	
16-46	70 No			Binder 100	Yes White	S.W. Vestibule 12"x12" F.T. White & Beige Streaks	
16-47	71 No			Binder 100	Yes White	S.W. Vestibule 12*x12* F.T. White & Beige Streaks	
16-48	72 No			Binder 100	Yes White	S.W. Vestibule 12*x12* F.T. White & Beige Streaks	
16-46 M	73 Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Black	S.W. Vestibule 12"x12" F.T. White & Beige Streaks	
16-47 M	74 Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Black	S.W. Vestibule 12"x12" F.T. White & Beige Streaks	
16-48 M	75 Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Gray Black	S.W. Vestibule 12"x12" F.T. White & Beige Streaks	
					Gray	L Deligo Officials	
17-49	76 No		Fibrous Glass 85 - 90		White	S.W. Vestibule 122 B Pipe Insulation	
			Cellulose 5 - 10		Brown Blue		
17-50	77 No	1	Fibrous Glass 85 - 90		White	S.W. Vestibule 122 B Pipe Insulation	
			Cellulose 5 - 10		Brown Blue		
17-51	⁷⁸ No		Fibrous Glass 85 - 90		White	S.W. Vestibule 122 B Pipe Insulation	

Bulk Asbestos Identification

Client Client Refe	rence	421.0	31.01	Site Send	Bldg. 1017 Gr der Zach Clayton	eat Lake	s Nava	Base
Date Collec	ted 06	3/02/20	006 by Joseph Anzlo 006 by Zach Claytor 116, using Polarized	n Date	•		•	oh Anzlovar y Bennett
Field #	Lab #	Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
				Cellulose 5 - 10			Brown Blue	
18-52	79	Yes	Chrysotile 1 - 5	Cellulose 5 - 10	Binder 85		White	S.W. Vestibule Hard Elbow
18-53	80	Yes	Chrysotile 1 - 5	Cellulose 5 - 10	Binder 85		White	S.W. Vestibule Hard Elbow
18-54	81	Yes	Chrysotile 1 - 5	Cellulose 5 - 10	Binder 85	i -	White	S.W. Vestibule Hard Elbow
19-55	82	No			Binder 100	Yes	Tan	Room 138 Tan Baseboard
19-56	83	No	İ		Binder 100	Yes	Tan	Room 138 Tan Baseboard
19-57	84	No			Binder 100	Yes	Tan	Room 138 Tan Baseboard
19-55 M	85	No	<u> </u>	Cellulose 1 - 5	Binder 95	Yes	Brown	Room 138 Tan Baseboard Mastic
19-56 M	86	No		Cellulose 1 - 5	Binder 95	Yes	Brown	Room 138 Tan Baseboard Mastic
19-57 M	87	No		Cellulose 1 - 5	Binder 95	Yes	Brown	Room 138 Tan Baseboard Mastic
20-58	88	No		Cellulose 5 - 10	Binder 90		Blue	Room 122 White & Blue speck Linoleum
							Gray	
20-59	89	No		Cellulose 5 - 10	Binder 90		Blue	Room 122 White & Blue speck Linoleum
20-60	90	No		Cellulose 5 - 10	Binder 90		Gray Blue	Room 122 White & Blue speck Linoleum
							Gray	
20-58 M	91	No		Cellulose 1 - 5	Binder 95	Yes	Cream	Room 122 White & Blue speck Linoleum Mastic
20-59 M	92	No		Cellulose 1 - 5	Binder 95	Yes	Cream	Room 122 White & Blue speck Linoleum Mastic
20-60 M	93	No		Cellulose 1 - 5	Binder 95	Yes	Cream	Room 122 White & Blue speck Linoleum Mastic
21-61	94	No			Binder 100	Yes	Gray	Stairwell Stair Tread
21-62	95	No			Binder 100	Yes	Gray	Stairwell Stair Tread

Bulk Asbestos Identification

Client Client Refe	rence	421.0	31.01	Site Send	Bldg. 1017 Gre er Zach Clayton	eat Lake	s Nava	l Base
Date Colle	cted 06	5/02/20	006 by Joseph Anzlo 006 by Zach Clayton 116, using Polarized	Date	•		-	ph Anzlovar y Bennett
Field #	Lab #	Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
21-63	96	No			Binder 100	Yes	Gray	Stairwell Stair Tread
21-61M	97	No		Fibrous Glass 1 - 5 Cellulose 1 - 5	Binder 90	Yes	Black	Stairwell Stair Tread Mastic
21-62 M	98	No		Fibrous Glass 1 - 5 Cellulose 1 - 5	Binder 90	Yes	Black	Stairwell Stair Tread Mastic
21-63 M	99	No		Fibrous Glass 1 - 5 Cellulose 1 - 5	Binder 90	Yes	Black	Stairwell Stair Tread Mastic
22-64	100	Yes	Chrysotile 10 - 15		Binder 85	Yes	Green	Room 211-C 9"x9" Green w/White streaks
22-65	101	Yes	Chrysotile 10 - 15		Binder 85	Yes	Green	Room 211-C 9"x9" Green w/White streaks
22-66	102	Yes	Chrysotile 10 - 15		Binder 85	Yes	Green	Room 211-C 9"x9" Green w/White streaks
22-64 M	103	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 211-C 9"x9" Green w/White streaks Mastic
22-65 M	104	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 211-C 9"x9" Green w/White streaks Mastic
22-66 M	105	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 211-C 9"x9" Green w/White streaks Mastic
23-67	106	Yes	Chrysotile 5 - 10		Binder 90		Black	Roof/ N. Vent Flashing Silver Cover
23-68	107	Yes	Chrysotile 5 - 10		Binder 90		Silver	Roof/ N. Vent Flashing Silver Cover
23-69	108	Yes	Chrysotile 5 - 10		Binder 90		Silver	Roof/ N. Vent Flashing Silver
							Silver	Cover
24-70	109	Yes	Chrysotile 5 - 10		Binder 90	Yes	Black	Roof/ N. Vent Flashing Patch

Bulk Asbestos Identification

Client Client Ref	erence	421.0	31.01	Site Send	Bldg. 1017 Gr er Zach Clayton	reat Lake	s Nava	l Base
Date Rece	oived 0	6/02/20	006 by Joseph Anzlov	ar Date	Analyzed 06/03	3/2006 b	y Jose	ph Anzlovar
Date Colle	ected 0	6/02/20	006 by Zach Clayton	Date	Reported 06/05	5/2006 b	y Kelle	y Bennett
Method	EPA-600	/R-93/	116, using Polarized L	ight Microscopy				
Field #	Lab #	Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
24-71	110	Yes	Chrysotile 5 - 10		Binder 90	Yes	Black	Roof/ N. Vent Flashing Patch
24-72	111	Yes	Chrysotile 5 - 10		Binder 90	Yes	Black	Roof/ N. Vent Flashing Patch
25-73	112	Yes	Chrysotile 10 - 15		Binder 85	Yes	Black	Roof/ South Vents Flashing
25-74	113	Yes	Chrysotile 10 - 15		Binder 85		Black	Roof/ South Vents Flashing
25-75	114	Yes	Chrysotile 10 - 15		Binder 85	Yes	Black	Roof/ South Vents Flashing
26-76	115	No		Fibrous Glass 75 - 80 Cellulose 15 - 20			Brown Gray	Basement 35x12 Duct World HVAC
26-77	116	No		Fibrous Glass 75 - 80 Cellulose 15 - 20			Brown Gray	Basement 35x12 Duct World HVAC
26-78	117	No		Fibrous Glass 75 - 80 Cellulose 15 - 20			Brown Gray	Basement 35x12 Duct Work/ HVAC
27-79	118	Yes	Chrysotile 1 - 5	Fibrous Glass 30 - 35	Binder 50		Gray	Basement HVAC system wrap on duct work
				Cellulose 5 - 10				
27-80	119	Yes	Chrysotile 1 - 5	Fibrous Glass 30 - 35	Binder 50		Gray	Basement HVAC system wrap on duct work
				Cellulose 5 - 10				
27-81	120	Yes	Chrysotile 1 - 5	Fibrous Glass 30 - 35	Binder 50		Gray	Basement HVAC system wrap on duct work
				Cellulose 5 - 10				
28-82	121	No		Fibrous Glass 85 - 90 Cellulose 1 - 5	Binder 5		Gray Silver Yellow	Basement TSI on water lines 130 L
28-83	122	No		Fibrous Glass 85 - 90 Cellulose 1 - 5	Binder 5		Black Gray Yellow	Basement TSI on water lines 130 L
28-84	123	No		Fibrous Glass 85 - 90 Cellulose 1 - 5	Binder 5		Gray Silver Yellow	Basement TSI on water lines 130 L
29-85	124	No		Fibrous Glass 90 - 95		- 	Brown	Basement HVAC system wrap on

Bulk Asbestos Identification

Client Client Refe	erence	421.0	31.01	Site Send	Bldg. 1017 Gre er Zach Clayton	eat Lake	s Nava	l Base
Date Colle	cted 06	6/02/20	006 by Joseph Anzl 006 by Zach Clayto 116, using Polarized	n Date	•		•	ph Anzlovar y Bennett
Field #		Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
				Cellulose 1 - 5			Black Silver	duct work
29-86	125	No		Fibrous Glass 90 - 95	t		Brown	Basement HVAC system wrap on duct work
				Ceilulose 1 - 5			Black Silver	
29-87	126	No	 	Fibrous Glass 90 - 95 Cellulose 1 - 5			Brown	Basement HVAC system wrap on duct work
				Cellulose 1 - 5			Black Silver	
30-88	127	No	1	Fibrous Glass 60 - 65	Binder 5		Brown	Basement S-3 HVAC system wrap exterior
30-89	128	No		Cellulose 25 - 30 Fibrous Glass 60 - 65	Binder 5		Gray Brown	Basement S-3 HVAC system wrap
	j			Cellulose 25 - 30			Gray	exterior
30-90	129	No		Fibrous Glass 60 - 65	Binder 5		Brown	Basement S-3 HVAC system wrap exterior
				Cellulose 25 - 30			Gray	
31-91	130	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Gray Silver Yellow	Tunnel Room TSI on Pipe
31-92	131	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Gray Silver Yellow	Tunnel Room TSI on Pipe
31-93	132	No		Fibrous Glass 90 - 95 Cellulose 1 - 5			Gray Silver Yellow	Tunnel Room TSI on Pipe
32-94	133	Yes	Chrysotile 1 - 5	Fibrous Glass 50 - 55 Cellulose 15 - 20	Binder 20		Gray	Tunnel Room Hard Elbows
32-95	134	Yes	Chrysotile 1 - 5	Fibrous Glass 50 - 55	Binder 20	-	Gray	Tunnel Room Hard Elbows

Bulk Asbestos Identification

Client Client Refe	erence	421.0	31.01	Site Send	Bldg. 1017 Gr ar Zach Clayton	eat Lake	s Nava	l Base
Date Colle	cted 06	6/02/20	006 by Joseph Anzlo 006 by Zach Clayton 116, using Polarized	Date	•		•	ph Anzlovar y Bennett
Field #	Lab #	Asb Dete- cted	% Asbestos	% Fibrous Material	% NonFibrous Material	Ho- mo- gen.	Color	Description, Location
<u> </u>				Cellulose 15 - 20				
32-96	135	Yes	Chrysotile 1 - 5	Fibrous Glass 50 - 55 Cellulose 15 - 20	Binder 20		Gray	Tunnel Room Hard Elbows
33-97	136	No		Fibrous Glass 90 - 95			Gray	Tunnel Room TSI pipe 1/2 way around room
				Cellulose 1 - 5			Silver Yellow	around room
33-98	137	No		Fibrous Glass 90 - 95		1	Gray	Tunnel Room TSI pipe 1/2 way
				Cellulose 1 - 5			Silver Yellow	around room
33-99	138	No		Fibrous Glass 90 - 95			Brown	Tunnel Room TSI pipe 1/2 way around room
				Cellulose 1 - 5			Silver Yellow	
34-100	139	Yes	Chrysotile 90 - 95	Cellulose 1 - 5		Yes	Gray	Basement Elevator Door
34-101	140	Yes	Chrysotile 90 - 95	Cellulose 1 - 5		Yes	Gray	Basement Elevator Door
34-102	141	Yes	Chrysotile 90 - 95	Cellulose 1 - 5		Yes	Gray	Basement Elevator Door
15-43	142	Yes	Chrysotile 1 - 5		Binder 95	Yes	Brown	Room 135 12"x12" Multi Layer F.T layer 2
15-44	143	Yes	Chrysotile 1 - 5		Binder 95	Yes	Brown	Room 135 12"x12" Multi Layer F.T layer 2
15-45	144	Yes	Chrysotile 1 - 5		Binder 95	Yes	Brown	Room 135 12"x12" Multi Layer F.T layer 2
15-43 M	145	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 135 12"x12" Multi Layer F.T layer 2
15-44 M	146	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 135 12"x12" Multi Layer F.T ayer 2
15-45 M	147	Yes	Chrysotile 1 - 5	Cellulose 1 - 5	Binder 90	Yes	Black	Room 135 12"x12" Multi Layer F.T



C IN C DUE DY! AL FRE EST. JRN.

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604 phone: 312.356 5400

fax: 312.356.5499

Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1. Sender's Name/Project No.													WAIII D	ialiks hot	appii	cau	1 .	116	22 II		y.
Zach Clayton / 421.031.01		Samp											i	1 i	Ind	cate					/////
	12	110	2	01	1	<u> </u>	re	at		al	10	> Na	.va15	tation	Ana	lysis			/	/ /	/ / / /
3 Sampler by (Signature) 4. # of Samples in Shipment	5. 1	Date,	of S	amı	ole S	hip	nent			6.	Date	Result	s Needed		Requ	estec	3				
141	-	61	1		_		 -			L	(15	106							/ /	/ / /
		l	ļ.,	M	latrix		1	leth.	od F	rese	erve	Sa	mpling			(0)	7	/	/_/	′ /	
		(-	j								- [101		Je.		_/-	\mathcal{F}		//
2		m	4			삙	r			- 1	[r) ME	E es)	nta		1	1	/ /	/ /ASB
Sample Sample Location/Description	COMP	GRAB	AT	흥	AIR	밁	H OH	Ş	S.	ш		Date	Time	VOLUME (L)	TIME (Minutes)	of Containers	1/	124			-Laboratory
	10	5		ŏ	₹	ळ व	ΟĬ	Ī	Ϊ	의	ž		=	>	΄ Σ	#	V			\angle	Number
1 01-01 Throught building/ Ceiling insulation											+	-					1				
201.02						1	1			1	1					 	\dagger		 		
3 01-03						1	1			1	+	1				\dagger	$\dagger \dagger$		 		
4 02-01 Exam hours white board white board white board				7	1		1			1	\dagger	1				\dagger		-			_
5 02-01M Whitebace board						1	1			7	1	1				+	H	-			
602-02 white box bound			1			1			1	1	1	1				†-	$\ \cdot \ $	†			
7 02-02M White base board										1							\prod	 			-
8 02-03 white base board									1	1							\parallel	1			-
9 02-03M white back board 10 03-01 Exam hooms Belget White Time In: Time Out:									1	1	T		1			T	\parallel				
10 03-01 Exam houng Beiget Whin			1	1			\sqcap		\top	+	\top	 	1			 	H	+-			
Time In: Time Out:	Tot	al H	our	 s:	+			1	_1		Sic	nature	<u>, </u>		Drin	it Na	W	<u> </u>		1	+
				•	_						ي. 		· •			n IVa	e.				
(Oighature) Released	Pelive	ry Me	tho	d	1	20		teis (Sig		•				e/Time eased	Co	mpai Affi	ny/A liatio		/	С	ondition Noted
Janet La 16/2/06/74:30 Her	-4				#	ge	\simeq	<u> </u>	a	m	~	=	6):	3106					1		
		 .			+							_		· · · · · · · · · · · · · · · · · · ·	-				\dashv		
				-	\dashv	·-·	To A	rchiv	re/Di	ispo	sal	\dashv			+	 -			+	·	
Comments:				·						<u> </u>		lient Custo	mer Conv								

Yellow-Billing Copy



C NC US DY ALY RE EST RM

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499 Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1. Sender's Name/Project No.	and Cample Infor													/A In C	nanks not	аррис	cabi	e. i	re:	SS II	rmi	у.
Zach Clayton	/421.031.01	0	Sam	oling S	ite A	dare I	ss/C	Cont ンカ	lact	Tele - I	pho	ne N	o. Na	ValCt	ation	Indic						////
3. Samueled by (Signature)	4. # of Samples in Shipment	5	701	of Sai	nole	Shi.	0	IL	a7	닉	ur	<u> </u>	100	vusi	ation	Anal Reque		l		/	/ /	' / / /
	141	"	Ų	12	0	الما	pme	eni			0.1	pate ر)	Hesuits	Needed O &	1							/ / /
			I		Mati			М	etho	od P	rese	rved	San	npling			Τ.	7	/	/ \	/ /	′ / /
										Ţ					111		of Containers			A		// _
Sample Sam		_ ا	l m	E E		ğ	H			<u> </u>		و الد	:		UME (E tes)	onta	1	/4)	7 /	/ /	// ASB
≅ Number	ple Location/Description	COMP	GRAB	WATER	AIR	SLUE	OTH	亨	S F	H2SO.	핑	NONE	Date	Time	VOLUME (L)	TIME (Minutes)	o to					-Laboratory Numbers
103-014 Exan	n Rooms/ e white Lindleum Oring & Mastic	\			1					1	1	T			,		Ť	h	f			1
2 03-02 Fle	oring & Mastic				1			1			\top	\dagger					 -	H	 	<u> </u>		+
3 03-02M					T					\dashv	+	+					-	H	 		<u> </u>	+
4 03-03					\dagger	H	+	\dashv	\dashv	-	+	+					-	H	-			+
		+-			+-	┼┼	\dashv	\dashv	\dashv	+	\dashv	+					ļ	\dashv	-	ļ		
	Promot /				-		1	1		\perp	_ _	\perp										+
6 04-01 Exam	Rooms/ or Pipe Insulation																					~
7 04-02																						
8 OA-03	\downarrow																					_
9 0501 Through	houtBuilding/ fer Walls		1	1			7	\dagger	1	T	\top	†										
10 05-02	er wan-			+	╁╌┧	\dashv	+	+	+	+	+	╁┈										
Time In:	Time Out:					\perp	\perp	\perp	\perp			<u>L</u>						V				-
	Time Out:	lot	al H	ours:								Sig	nature:			Print	Nai	me:				
Released by (Signature)		Delive	ry Me	thod						sed					e/Time eased	Cor	npan	ıy/Aç	ency	/	С	Condition Noted
Lineto bound	6/2/04/7:50 /	34	l						o igi					T.C.	caseu		Alliii	iation	<u></u>			
								·												\bot		
							То	Arc	chive	e/Dis	spos	al								\perp		
omments:											Whi	teCi	ent Custom	ner Copy								

Yeliow - Billing Copy



C'IN C'OUS DY ALY RE EST JRM.

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499 Offices also in:
Columbus, Ohio
Gary, Indiana
Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

Sender's Name/Project No.		ddress/Contact Telephone No.		Indicate	7777
Zach Clayton 421.031.01		ddress/Contact Telephone No. - Great Lakes No	nual Station	Analysis Requested	/////
3 Sampled by (Signature) 4. # of Samples in Shipment	5. Date of Sample	Shipment 6. Date Res	sults Needed	nequested	
	Matri		Sampling		7 / / /
		# E	I WE	IME nutes) Containers	/// ASB
Sample Sample Location/Description Number	COMP GRAB WATER SOIL	SLUDGE OTHER HCI HNO3 H2SO4 ICE NONE OTHER	Date Time VOLUME (L)	TIME (Minutes)	Laboratory Number
1 05-03 Throughout Funding. 2 06-01 Room 13412-12 F.T. +					
2 06-01 Room 134/12×12 F.T. +					1
3 06 01M					1 +
4 06-02					1
5 06-02M					1 +
6 06-03					+
7 06-03M					ナ
8 00-01 Gens Ceremic Great					
9 07-02					
10 07-03					
Time In: Time Out:	Total Hours:	Signa	ture:	Print Name:	
Released by Date/Time (Signature) Released	Delivery Method	Released by (Signature)	Date/Time Released	Company/Agency Affiliation	Condition Noted
(Signature) Released	fand				
		To Archive/Disposal			



C NC US Y/ ALY RE EST RM

200 S. Michigan Ave., Suite 700

Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499. Offices also in:
Columbus, Ohio
Gary, Indiana

Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1. Sender's Name/Project No.	001 01	2. 5	Samp	ling S	ite Ar	idres	s/Co	nntac	t Tal	enho	na N	^		121		 -				7 /	///	7
Zach Clayton /421.		16	Pla	91	01	-1 -	- (24	<u>2a</u>	+	la	Kes	Nav	al Static	Anal Reque	ysis					///	
3 Sampled by (Signature) 4. # of Samp	oles in Shipment	5. C	Pate d	Sar 02	nple	Ship	mer	nt		6.	Date	Result	s Needed 06		neque	351EU			/,	/ /	///	
	•				Matr	ix T		Meth	od F				mpling			,s]	/.			//	
														m	<u> </u>	of Containers		/\	$\Delta_{\mathcal{L}}$	/ /	//AS	B
Sample Sample Location/l	Description	COMP	AB	WATER	[ر	200	뛰	٦ آ	ŏ		삙	בן	o.	(L)	ME	Cont	/	2)	/ /		/ '	
<u> </u>	·	8	GRAB	X S	AIR	SEL	Ē]	Ş Ş X	H2S	CE	NONE	Date	Time	9	TIME (Minutes)	# of		7		/ /	Labora Numb	
08-01 Room 1 1	Ceiling Plasser															T	1				S	
2 08.02																						
3 08.03	\downarrow																					
4 09-01 Corridor /Th	×12 P.T.	<																		1		
4 09-01 Patch seen Cores 5 69-011 White Stu- 6 09-02 White Stu-	· WGrey														·····							
6 09-02 White Street	W/Gay +																					
6 09-02 White Streets 7 09-02M White Streets 8 09-03 White Streets	Mastic																					
8 09-03 White French	Watery +																					
9 09-03 White Streak 9 09-03M Sweeks Mass 10 10-01 Corridor Cre	Grey + While						T															
The Charles I was a second of the second of	ear Itula						1										\downarrow				* -	_
Time In: Yime Out:		Tota	al Ho	ours:	L1		J	<u> </u>	LL		Sig	nature	:		Prin	t Na	me:	LL			•	
Released by Date/Til (Signature) Release	ad l D	eliver	у Ме	thoa				Rele (Sid	ease gnati					e/Time eased	Co		iy/Ag	ency		Co	ndition Note	ed
Janet La del-109	30 4	<u> </u>	D					\-\\	,							Ann						
				·																		
		_																	T			
							То	Archi	ve/D	oispo	sal											
Comments:																						

Comments

White-- Client/Customer Copy Yellow - Billing Copy

n 4 m/



DY. AL. ... RL.LES. . JRM.

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499

Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL info

1. Sender's Name/Project No.	ion - Complete ALL information. Put N/A in	blanks not applicable. Press firmly.
Zuch Clayton /421.031.01	Sampling Site Address/Contact Telephone No.	Indicate ////
3. Sampled by (Signature) 4. # of Samples in Shipment	Blace 1017 - Great Lakes Navel St. Date of Sample Shipment 6. Date Results Need	Analysis Requested
141	Date of Sample Shipment 6. Date Results Need 6. S 66	led ////
	Matrix Method Preserved Sampling	
E Sample Sample Location/Description	8 8 8 8 8	Contair Contai
Number Seattle Number	GRAB WATER SOIL AIR SLUDGE OTHER HNO: HNO: HRSO- ICE NONE OTHER Time	VOLUME (L) TIME (Minutes) # of Containers
1 10-01M Throngy Distriction of Taring St		
2 10-02 Thringworth record of Tayor St		
3 10-02M		+
4 10-03		+ + + + + + + + + + + + + + + + + + + +
510-03m		
6 Covidor /Green Base		
11-01 Throughout Board + McGtic		
7 11-01M		
8 11-02		
9 11-02m		
10 11-03 V		
Time In: Time Out:	al Hours: Signature:	
Released by Date/Time	Oighature.	Print Name:
(Signature) Released De	40:	ate/Time Company/Agency Condition Noted
Jant Lan 1 12/00/17:30 He	A (2-9-14-15)	eleased Affiliation Condition Noted
comments:	To Archive/Disposal	
Oniments.	WhiteClient/Customer Copy	

Yellow---Billing Copy

Date of Atlanta



RE ST RM NC US Y/ ' **LLY**

200 S. Michigan Avc., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499

Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information, Put N/A in blanks not applicable. Press firmly

Cusi	lody and Sample Infor													/A in b	olanks not	t applic	cab	le.	Pre	ess	firm	ly.
1. Sender's Name/Project No		2.			Site A											Indic					7	7///
Each Clayfor 1	421.031-01 4 # of Samples in Shipment	15	ld	<u> </u>	101-	2	G	120	t	_::	<u>ke</u>		Vava	ISt	cation.	Anal Reque					/ ,	/ / / /
3. Sampled by (Sphature)	4 # of Samples in Shipment	5. 1	Date	of Sa	imple	Shi	ipme	nt			6. D	ate	Results	Needed	1	Theque	ester	J		/	/ /	
171 t VIII	1 7/		62	12	Mat	06	2				resen	2 /	<u>/S/</u>		<u> </u>	ļ		7				/ / /
				厂	_ Mai	Ϋ_	П	IVIE	11100	a Pr	esen	T	San	npling			ers		,	/	/ /	
				اس		1 111	_					1,			Ä	(S)	tai			17		/ / ASB
E Sample Sa	imple Location/Description	COMP	GRAB	WATER	۾ اڃ	.Įĕ	밀		زاق	إرِّ	u Z	OTHER	e e	l e	VOLUME (L)	TIME (Minutes)	# of Containers		6 \	// /	/ /	′ /
 			5	⋛	SOIL	S S	ō	외	Í.	ř		0	Date	Time	×	٦€	#	V	\sum			Number
1 11-03M Thomas	for Arcenbase Boar with Mastic Blue base	٩																				
2 12-01 Vontere	our Blue base	ر ۽ ا							1	\top		T					T	\parallel				
3/2-0/m									1	\dagger	1	T					T	$\dagger \dagger$	\dagger	1	+	
4/2-02					\top	T		1	+	\dagger	+	\vdash					T	+	+	+	+	
5 12-02m					\dagger			+	+	\dagger	+							$\dagger \dagger$	+	+	+-	
		+			+-	╁┈┨	-	+	+	+	- -	-					↓_	+	+	_	-	
6 /2-03																						
7 12.05M V	\checkmark																		T			
8 /3-01 Acom	Pipe Insulation																	1)	1			
9 13-02																						
10/3-03 V	\checkmark																	V				
Time In:	Time Out:	Tot	al H	ours	:				L	ـــــــ		Sigr	nature:			Prin	t Na	ame	 ::		_1	
Released by (Signature)	Date/Time Released	Delive	ry M	ethod		T			elea						e/Time	Co	mpa			су	(Condition Noted
Tarrabland	1							(3	Sign	atur	(e)			Rei	leased	+	Aff	iliati	on			
V																1						
						_																
						<u> </u>	To	Arc	hive	/Dis	sposa	ıl			·							
Comments:																						

Comments:

White---Client-Customer Copy Yeliow--- Billing Copy

Donart Number



CINC SUS DY ALL RELEST JRM.

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499 Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

Sender's Name/Project No.		e Address/Contact Tele		Indic		77777
Zach Charton /42103101	, , ,	t A	kes Naval Star	i i		/ / / / /
3. Sampled by (Signature) 4. # of Samples in Shipment	5. Date of Sam	unie Shinment	6. Date Results Needed	Reque	ested /	
	6/2/0	6	6/5/06		/	/ / / /
		Matrix Method P	reserved Sampling		2 //	
\cup /		1 1		ш	of Containers	///058
o Z	₽ 8 H		<u>ш</u> <u>ш</u>	UM L)		//ASB
Sample Sample Location/Description Number	COMP GRAB WATER SOIL	AIR SLUDGE OTHER HCI HNO:	NONE OTHER Date	VOLUME (L) TIME (Minutes)	\$ / X	Number Number
1 14-01 Roon /2×4 Ceiling Tile						
2 14-02						_
3 14-03 1						
3 14-03 V 4 15-01 Room/12-12 Multi Layer 185/FT. under carpet						++
5 15.01m + masic						ナナル
6 15-02						++
7 15-03h						1-1
8 15-03						ナナ
9 15-03M Southwest 12-12 F.T. White 10 16-01 Vistibility House Syriaks Time In: Time Out:						++
10 /6-0/ Vestibule / Buse Streaks					0	
Time In: fime Out:	Total Hours:		Signature:	Prin	nt Name:	
(Sinnature) Heleasen	Delivery Method	Release (Signate		te/Time Co	ompany/Agency Affiliation	Condition Noted
	ind.					
		To Archive/E	Disposal			
	 	· · · · · · · · · · · · · · · · · · ·	White Cientificatemes Conv			2

Comments:

Vhite---Client/Customer Copy Yellow -- Billing Copy

Rannet Number

Page 7 0/5



COMIN CONSUSTROY / TALY RE EST IRN

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499 Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

Sender's Name/Project No.	2. Sampling Site Address/Contact Telephone No.														ily.								
Zach Clayron / 421.031.01														10	Indicate								
3- Sampled by (Signature) 4. # of Samples in Shipment	12	d	<u> </u>	01-	17 Great Lakes Warral Station												Analysis Requested						
144	3. 1	Date of Sample Shipment 6. Date Results Needed 6. Date Results Needed										rioqu	Colci			1	/ /	' / / /					
1111	 - 	1	<u> </u>		6 atrix		T	Acth	04.1	<u></u>	erve	\prec	5/	06	T			_					
I V II		,	П	T	ΪŢ	T	 "	T		Tes	Prve) ()	San	npling	1		STS			/ r	/ /	/ / /	
o Y					Į ļ	بر ایا						~			H H	· · · · ·	aine			\mathbb{V}		// 1/8	
Sample Sample Location/Description	COMP	GRAB	WATER	ا ا	ع ا ہے	引声		ľõ	ő	ĺ.,	밀	뷔	a)	a	VOLUME (L)	ME ute	of Containers		\J	$\sqrt{}$	/ .	/ / ASB	
h	ၓ	GF	Š	8 :	¥ 7	OTHER	일	ÕNH	H	핑	2	OTHER	Date	Time		TIME (Minutes)	to #		'V	' /	′ /	Nomber	
1 160/M Vastoule lane france & mostice																	 		1	1	1		
2 16.02																				1			
3 16-02M												1					T	H	\dagger	+	+	+	
4/6.03				\top	1						+	\dashv					╁─	\forall	+	+	-		
5 16.03M			\top	+	+					_	\dashv	+					-	╫	+	+	+	+	
6/20/ Vestitule party Insulation			+	+	+-	+			\dashv		\dashv	\dashv					-	\coprod	-	+	_	+	
			+	+	-	-			\dashv	_	+	+				···	_	\coprod	1	_			
12.00		_	4	\perp	 			\perp	\downarrow	_	_	1										,	
8 /2-03 V			\perp																				
9 18-01 Vestbule Elbow																				\top		+	
10/8-02 4									1		1							V	4-	\dagger		+	
Time In: Time Out:	Tota	al Ho	ours		1	LI.	L			i	Si	gna	ature:	i		Prin	t Na	me	<u></u>		1		
Released by Date/Time	·····		·		+			2010		-l i-						 				 ,			
(Signature) Dologod Di	Pelivery Method							Relea (Sign							e/Time eased	Coi	праг Affii	ny/A liatir	geno on	Зу	Condition Noted		
Juristo () (12/06/430 /4	L	1													· · · · · · · · · · · · · · · · · · ·	†	. ,,,,,,			+			
					_	······		·															
					╀								-										
· DODGE ALL						To	o Ar	chiv	e/D	ispo	sal									l		-	
omments:										W	hite	Chen	t:Custome	r Copy								<u> </u>	

Yellow—Billing Copy



NC US Y/ ALY RE EST RM

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499 Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1. Sender's Name/Project No.	and campio inion		ite A	ddre	ss/(Cont	lact	Telep	ohor	e No				Indic					7			
Zach Clanton At	21.031.01	B	(1.	r. 1	DE	X	G	rea	at	Lal	لدرد	. W	wal	Stati	JX /	Analy						///
3. Sampled by (Signarace)	4. # of Samples in Shipment	5. D	5. Date of Sample Shipment 6. Date Results Needed															/ / /				
A CAL	141	6	1/2	_/c									100				,	1	1	/ /	/ /	′ / /
	•			<u></u>	Ma	rix	T	М	etho	d Pr	ese	ved	Sam	npling			2					/ /
						1								1	ш	_	aine		1	¥ ,	/ ,	//AR
		اما	m	Ψ.		18	Œ		_	4	١,	<u>بر</u> الر		ĺ	N D D	AE stes	ju	/	(3/	/ /		/ ASB
Sample San	nple Location/Description	COMP	GRAB	WATER	SOL	SLUE	ОТНЕЯ	ЮH	ŐNH	H2SO.	밍	OTHER	Date	Time	VOLUME (L)	TIME (Minutes)	# of Containers	\Z	7		/ ,	Number
1 18-03 Vestib											1							1				+
	Ton Box Boars			$\vdash \vdash$	_	+-				+	\top	+						\parallel				-
2 19-01 Russ	/+ mastic	1_1		\sqcup		_	<u> </u>			_	_	\perp	ļ	ļ			—	-	ļ	-		
3 19-01mc																						
4 19-02																						
5 19-02M						1				1												
6 19.03					+	1				1	\top	+										
- 		╂			-	+-	\vdash		\vdash	-+		-		<u> </u>			-	₩	├			
7 19-03m	V					<u> </u>						1.						<u> </u>				
8 26-01 Room	Speck Lindeum Fl.																					
9 20-0/m																						_
10 20-02										\top	1	T						V	1			
Time In:	Time Out:	Tot	tal H	lours	<u> </u>	1	.	LI	1	1		Sig	nature	:		Prin	t Na	me:	<u></u>	L	L	
Released by	Date/Time	L Delive	arv M	lethod		+				asec		·- -			te/Time	Co	mpar	-	-	у		Condition Noted
(Signature)	Heleased			-					(Sig	natu	ıre)			Re	eleased		Afti	liatio	n	\dashv		
Sweet Lord	6/2/06/730 A	m.	1	<u> </u>										 								
			•																			
<u></u>						+		To A	rchi	ve/D	ispo	sal	1									

Comments:

White---Chent/Customer Copy Yellow --Billing Copy Page 9 of 15



DY ALL BRELLES . JRN.

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499

Oifices also in: Columbus, Onio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information, Put N/A in blanks n

1. Sender's Name/Project No.	Sender's Name/Project No. 2. Sampling Site Address/Contact Telephone No. Indicate Indicate																						
Each Clarkon	1																Indicate Analysis						
3 Sampled by (Signature)	[421.031.01	1/2	COLOCIOUS (Transcours) VILLIAM STATISTICS I												Anai Reque								
(Signaplie)	4. # of Samples in Shipment	5. C	5. Date of Sample Shipment 6. Date Results Needed															/ / /					
1710	1 , 1 ,	+	ک ر	/	Mai	<u> </u>									<u> </u>		1	3	,		/ /		
				Ιŕ	Ма	TIX.	П	M	etho	og Pi	reser	ved	San	npling	-		SI	ļ				//	
						l u								1	Ē	<u> </u>	aine		13	7	/ /	1/20	
Sample Sal	mple Location/Description	ΔP	48	띮		90	Ë		اۃ	٦	Ļ	H H			S C	ME utes	le	1	6Y	/ /		/ASB	
		COMP	GR/	WATER	SO	SLU	6	힣	¥	Ĭ Ž Ž	<u> </u>	OTHER	Date	Time	VOLUME (L)	TIME (Minutes)	* of Containers		4			Number	
1 20-02m /22	Kindleum FI. + Mustic	K								1							-	1					
2 20.03																		\prod					
3 20-03m																							
4 21-01 Stairu	rell/Stair Tread + Mastic																						
5 21-0/m										1						*							
621.02								1	1														
721-02m																							
8 21-03												1										-	
9 21-03m					1			1	1	T	\top										1	*	
10 22 -03 211-C	My Streaks. Time Out:			1			7	1	1	\dagger								V		+		+	
Time In:	Time Out:	Tota	al Ho	ours		\\						Sigi	nature:		<u>i</u>	Prin	t Na	ne:					
Released by (Signature)	l neleasen l	Deliver	у Ме	thod		···· , · · ·			sed				Date Rei	Company/Agency Affiliation				T	Condition Noted				
Twent had	C/2/00/17.30 H	4	d											1161	Caseu		Ann	allof					
						_																	
						-	To	Arc	chive	e/Dis	spos	al				-	- "			+			
Communita:	· · · · · · · · · · · · · · · · · · ·					ــــــــــــــــــــــــــــــــــــــ					·												

Comments:

White -- Client'Customer Copy Yellow---Billing Copy

100,10



C'IN C'OUSTOY! ALL RE EST IRN

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499 Offices also in:
Columbus, Ohio
Gary, Indiana
Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

1.5	Sender's Name/P	12		ling (namo not	Indic					7				
2	and Class		421 12	101	BI	•	-										.10	ation.	Analy	/sis			/	' /	
3. 5	Cach Clay Sampled by (Sign	ature)	4. # of Samp	ples in Shipment	5. 1	Date	of Sa	mple	⊋ Şh	pme	ent			6. D	ate F	lesults	Needed	ation	Reque	ested					/ / /
<u> </u>	,		L /4/	·		(<u> </u>	2	10	6				\mathcal{L}	/	5/	حکی	1		<u>,</u>	1	/	/1/	/ /	
		į	·				-	Ma	trix	-	Me	ethod	d Pre	eser	ved	San	npling	1		grs			ال		
									ш									E S	(8)	of Containers		$\langle \lambda \rangle$	/ /	/ /	/ / ASB
Item No.	Sample	San	nple Location	/Description	COMP	AB	WATER		18	띹		٥l	Ö.	u	打띺	٥	<u> </u>	VOLUME (L)	TIME (Minutes)	Ö		QΥ	1		Laboratory
Her.	Number			•		GR	×	8 8	티공	5	외	로	£ 5	7 5	5	Date	Time	>	٦€	0 #		<u>Y</u>	_	_	/ Number
1	22-01m	Ruon 211-C	19x9	F.T. Gra	Mari's																				+
2	22-02																								+
3	22-03ML	-																			Ш				ナ
4	22-03																								<u>ナ</u>
5	22-03m	V	A)																					+
6	13-01	Reep	Silver	Jent blashi	ng									T											+
7	23-02	1																							+
8	23-03	V	V	J																					+
9	23-03 24-01 24-02	Rwy	Flash	went Patch	7																\prod				+
10	2402	V	V	0			П														V				+
	ne In:		Time Out	i:	To	tal F	lour	s:		a		L.	.		Sig	nature	:		Prir	nt Na	me:				
	Released by (Signature)		Date/1 Relea	ised	Deliv	ery M	letho	d				Relea (Sigr						ite/Time eleased	Co		ny/A liatio	genc _i	У	C	Condition Noted
	Twent L		6/2/0%	17:35	1 fee	_1	/																\Box		
		·							_								· <u>··</u>			·			\perp		
	·																						\perp		
		To Ar							rchiv	/e/Di	ispo	sal													

Comments:

White -- Chent/Customer Copy Yellow -- Billing Copy Number: Boss / Of / S



C IN C SUST DY / ALY RE EST DRW

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.54(ii) fax: 312.356.5499 Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

	stody and Sample Inform	natio	on -	Co	mpl	lete	AL	Li	nfo	rma	atio	n. I	Put N/	A in b	olanks not	applic	cabl	e. I	Pres	ss til	rmly.	
1. Sender's Name/Project N	0.			oling S												Indic	ate				7/	777
Zach Claiston	1421.031.01	B	da	10	17	≥ .,	G	رميه	1	La	iki	25	War	al S	ration	Anal				/	/ /	///
3. Sampler by (Signature)	4. # of Samples in Shipment	5. C	Date	of Sa	mple	e Shi	pme	nt		T	6. D	ate f	Results	Needec	1	Reque	esteu				//	/ / /
HA	121	5	/	2/									5/6		·	ļ		7		/ /	/ /	
					Mat	trix	,	Me	ethod	d Pro	esen	ved T	Sam	npling	-		I S			' //		/ /
1,7 //						1									ш		aine		1	Ψ,	/ /	1000
Sample S	Compale I marking (Decree (c.))	4	ه ا	H		00	EB	-	ۃ	اۃ	Щ	ᇤ			<u>}</u> (2)	ME	lo lo	1		/ /		/ ASB
Number Sample	Sample Location/Description	COMP	GR/	WATER	SOL	SLUDGE	OTHER	위	Y I	Ž Z	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	OTHER	Date	Time	VOLUME (L)	TIME (Minutes)	# of Containers		٧/		/ /	Number
1 24-03 Rug	/ Fleching Rinch					T												1				+
2 25-01 Row	Plastille on Southern Vents																					+
3 25-02																						+
4 25-03 V																						+
5 26-0/ Bas	WIT/35×15 duction																					,
6 26-02																		\prod		<u> </u>		
726-03 V																		\coprod				
8 27-01																						+
9 27-02																						+
10 27-03																		V				+
Time In:	Time Out:	To	tal F	lours	:							Sig	nature:			Prir	nt Na	ame	:			
Released by . (Signature)	n Heleased	Delive	ery M	ethod					Relea (Sigr						te/Time eleased	Co	ompa A ffi	ny/A iliatio		у	Co	ndition Noted
Twenth Land	142/04/755 /	hen		ℓ		+							_						<u>.</u>			
		- · · · · · · · · · · · · · · · · · · ·				+				<u> </u>			+			-	· · · · ·			\dashv		
							Ţ	o Aı	rchiv	e/Di	spos	al										
Commants:											Wh	iteC	era Custor	mer Copy								12 : 6

Comments:

White--Chent/Customer Copy Yellow--Billing Copy ma 12 m 15



วบร OY. AL' i RI ES)RN

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499

Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information, Put N/A in blanks not a

1. Sender's Name/Project No.													ut N	77 111 0	Tarks not	appii	Cai	216	7. 1	163	9 11	11111	y.
	1	Sam													_		icate					/	////
Zach Claipton /421 03/0/ Sampled by (Signature) 4. # of Samples in Shipment	/ 3	Ld.	z 1	0[<u> 2</u>	- G	re.	ut.	7 <u>/</u>	uh	<u>_a_</u>	ع	Na	sel	Statist	Ana Requ	alysis	3				/ /	' / / /
	5. [am	ple S	Shipi	ment	1		6.	Dat	e Re	esults	Needed		nequ	Jeste	30					///
1 (4)	1-6	1	3		26								10							,	/ ,	/ /	/ / /
			H	N	latrix	<u> </u>	1	<u>/leth</u>	od F	rese	rve	d	Sam	npling			۱,	s l			\mathcal{L}		
											-]]	111			Ē		1	}/		//
Ž Samola V	۵		H.		l	٩١	<u> </u>		4		[щ			Ĭ ∩	E (es)	1 5	E	1	/\$/	/ /	/ /	/ / ASB
Sample Sample Location/Description	COMP	GRAB	A	팅	AIR	빏	5 5	١ğ	ပ္တြ	w.	췽	割	Date	Time	VOLUME (L)	TIME (Minutes)	1	# UI CONTAINERS	Ą				aboratory
	0	9	S	Š	₹	<u>s</u>	٩Ĭ	Ī	当	의	ž	0	<u>ద</u>	Ë	>	. ₹	*	• /		Ζ_	_	\angle	Number
1 2801 Basement water line	•																						
12 H8.02 1				į														1					
3 28-03 V											1	1						\dagger	\parallel				-
4 29-01 Busement wap on dust	U						1					1				•	+	†	$\dagger \dagger$				_
5 29-02					1	1	1			1	\top	1					+	\dagger	$\dagger \dagger$				_
629-03			1	1	1		1			+	\dagger	\dagger					+	+	$\dagger \dagger$			_	-
7 30-0/ Basemunt S-3 HVAC Sys	,		1	\dagger	\top	\dagger	1		+	1	\dagger	+				-111	\dagger	+	H				
8 30-02			+	+	+	+			7	\dashv	+	+					+	+	H				
930-03 1	-		\dashv	+	+	+	+		\dashv	+	+	+					+	+	H	\dashv	_		
		\dashv	+		+	+	-		\dashv	-	\perp	\perp					_	1	\ 	_			**************************************
10 3/ 0/ Room faround voons	Tak		\perp	\perp	4	\perp			\perp										V				
Total Hours											Si	gna	iture:			Prir	nt N	am	ie:				
Released by (Signature) Date/Time Released Delivery Method								Rele (Sig							/Time eased	Co			/Age tion	ency		С	ondition Noted
Junette Land 6/2/09/20 4	6	d	······		\perp																		
					+						·		-		 	 					\perp		
				-	+		To A	rchis	/e/D	iena			+			-	 -				-		
To Archive/Disposal omments:																							



IN COUE DY AL JRELES DRIVE

200 S. Michigan Ave., Suite 700

Chicago, Illinois 60604 phone: 312.356.5400

Offices also in: Columbus, Ohio Gary, Indiana

 phone:
 312.356.5400
 Gary, Indiana

 fax:
 312.356.5499
 Milwaukee, Wisconsin

Custody and Sample Inforn	tion - Complete ALL information. Put N/A in blanks not applicat	ole. Press firmly.
Sender's Name/Project No.	. Sampling Site Address/Contact Telephone No. Indicate	
Zach Clayton (431, 63), 01 3 Sampled by (Signature) 4. # of Samples in Shipment	Blde 1017. Great Lakes Ward Storker Requeste	è /////
3 Sampled by (Signature) 4. # of Samples in Shipment	Date of Sample Shipment 6. Date Results Needed 6. Date Results Needed	/////
	Matrix Method Preserved Sampling	コ /////
		A SB
Someta Control of the state of	SPAB SPAB SOIL SOIL SOIL STREE SOIL STREE SOIL SOIL STREE SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL	Light of ASB
Sample Sample Location/Description	GRAB WATER SOIL AIR SOIL AIR SUDGE OTHER HCI HNO® H2SO4 ICE NONE OTHER Time (L) (L)	
1 31-02 Frame TSt in pipe		
2 31-03 4		
3 32-01 Tunnet / Hayd Eldows Boom on pipes.		
4 32-08		
5 30-03 V		+
6 33-01 Fund 18 8 ppe greg		
7 33-02		
8 33-03 V		
9 34-01 BOWN		
10 34-32 4		1 1 +
Time In: Time Out:	Total Hours: Signature: Print N	Name:
Released by Date/Time (Signature) Released		pany/Agency Condition Noted Affiliation
Turnet Land Gafely 17:35 1		
	To Archive/Disposal	

Comments:

White—Client/Customer Copy Yellow—Billing Copy

Danad Alimhan

- 14-16



CONTROL DY LACTOR RELEST. ORN.

200 S. Michigan Ave., Suite 700 Chicago, Illinois 60604

phone: 312.356.5400 fax: 312.356.5499 Offices also in: Columbus, Ohio Gary, Indiana Milwaukee, Wisconsin

Custody and Sample Information - Complete ALL information. Put N/A in blanks not applicable. Press firmly.

Sender's Name/Project No.				applicable. Press	firmly.
		Address/Contact Telep		Indicate	
3-Sampled by (Signaphre) 4. # of Samples in Shipment	13/24/01	7 Greed La	akes Mayel Stration	Analysis Requested	/////
Zach Clarton 42.03.0 3 Sampled by (Signarture) 4. # of Samples in Shipment	5. Date of Sample	e Shipment	6. Date Results Needed	riequesteu	′ / / / /
	Mat		6/5/6B	/	
	Mai	trix Method Pro	eserved Sampling	35	
Sample Sample Location/Description Number		w _		ative	1/ 000
Sample Sample Location/Description	COMP GRAB WATER SOIL		NONE NONE Date Time (L)	Me utes	4 / / ASB
≗ Number	S & S & S	SLUDGE OTHER HCI HNO® H2SO4	NONE OTHER Date Time (L) (L)	TIME (Minutes)	tumber
134-03					11+
2					
3					
4					
5		 			
6		+++++			
7		+++++			
8					
9					
0					
Time In: Time Out:	Total Hours:		Signature:	Print Name:	<u> </u>
Released by Date/Time C	Pelivery Method	Released		Company/Agency	Constitution All III
1 Ticleased		(Signature	e) Released	Affiliation	Condition Noted
writt Land 6/2/06/17:35 He	-el				
	· · · · · · · · · · · · · · · · · · ·				
	· · · · · · · · · · · · · · · · · · ·	To Archive/Dis	pacel		:
ommoate:		I TO ATCHIVE/DIS	pusai		

Comments:

White Client/Customer Copy Yellow-Billing Copy

~ / < ~/ C

Panart Number

EMSL Analytical, Inc.

2444 W. George Street, Chicago, IL 60618

Phone: (773) 313-0099 Fax: (773) 313-0139 Email: chicagolab@emal.com



Attn: Jarrett Land

Environmental Design International

200 S. Michigan Ave

Suite 700

Chicago, IL 60604

Fax:

(312) 358-5499

Project: 421.031.01/Building 1017-Great Lakes Wakel Station

Phone: (312) 356-5400

EMSL Proj: Analysis Date:

Customer ID:

Customer PO:

EMSL Order:

Received:

6/9/2006

EDI51

06/06/06 1:15 PM

260602545

Report Date:

6/9/2006

Asbestos Analysis of Bulk Materials via Transmission Electron Microscopy. Chatfield Method (rev 2)

SAMPLE ID	COLOR	MATRIX MATERIAL	NON-ASBESTOS FIBERS	RANGE	ASBESTOS TYPE	AVG	
09-01 260602548-0001	Gray White	100,0%	ND		ND		
09-01M 260602846-0002		%	,		· · · · · · · · · · · · · · · · · · ·		Insufficient Material
10-01 260602848-0003	Yellow Brown	97.5%		1.6-3.3%	Chrysotile	2.5%	Water Management
10-01M 280802545-0004		%		,	· · · · · · · · · · · · · · · · · · ·		Insufficient Material
16-01 260602545-0005	White Beige	100.0%	ND	<u></u>	ND	FATTIE	
1601M 250602545-0006	Black Brown	97.4%		2.1-3.1%	Chrysotile	2.6%	

Analysi(s)

Andrei Poluchowicz (6)

Landa Selvine

Sandra Sobrino, Leboratory Manager or other approved signatory

The above report relates only to the items texted. This report may not be reproduced, except in full, without written approved by EMSL Analytical, Inc. Samples received in good condition

ACCREDITATIONS: NVLAP #200399-0, TOH License #30-0209

TEMChatfield-2

THIS IS THE LAST PAGE OF THE REPORT.

PAGE

ANALYTICAL SERV

EMSL

7733130139

12:43

06/09/2006

37 W. Broad St., Suite 300 504 Broadway Columbus, Ohio 43215 Suite 740

3031 N. 114th Street

Report Number:

200 S. Michigan Ave., Suite 700

Wauwatosa, WI 53222

Chicago, Illinois 60604

phone: 312.356.5400

phone: 614.252.0540

614.252.0543

Gary, Indiana 46402 phone: 219.881.7700

phone: 414.476.3131 fax: 414.476.2201 fax: 312.356.5499

,	Custody and Sample Information - Cor								A e	LL	inf	orn	nat	ion	. P	ut N	V/A in b	lanks not	applic	: 414 Cabl	.476. A I	.220: Pre	i ee i	<i>fax:</i> firm	.312.356 ک	.5499 }
	CONTROL OF TARREST	I INDEDITA	<i>y</i> .		2. 5	samp	ling .	Site	Addı	ess/	'Cor	ntaç	t Te	ieph	one	No.		· ·	India					7	7 47	
3.	Sampled by (Sign	-C/1/C	421.031.0	<u> </u>	ß	بذيا	<u>La</u>	لبي	01	7	-(2/6	(4)	£4	ak	رح	Wavel 9	station	Anai Reque	ysis	ı	• •		/ /	图的	78/
	1 10.3	1	4. # of Samples in Sh	pnent	Ş. L		6	mpje	Sh Sh	pme	ent			6. 5	ate	Resu	its Needeo		· woque	3016 0				1	F	
							1	Mat	rix		Me	tho	d Pr	ese			Sampling			go	7	,	/ /		73	7
Item No.	Sample Number		nple Location/Descriptio		COMP	GRAB	WATER	AIR	SLUDGE	OTHER	豆	S I	H ₂ SO ₄	2 S	CENED	Date	Time	VOLUME.	TIME (Minutes)	# of Containers	/	/	4	7 4	,	aboratory Yumber
1		Kerric Million CALSE			aks										T							Π	f			
2	09-611	ψ_{γ}	Warest White Straks M	ey +			-						1					·						_		
3	10-01	Timera	und holland Ser														·									
1	10-01M	1 1	reaks Mastic								T												·			
5		5·W. Vestilole	+ Brice Steel	y∕WWe S.										1								\parallel				
6	16-01M	√ ,′	Hair Stuck	ite			•					1	1						-			1				
7															1			ī			-		-			
8										1					-											
9	(m)											1				-					+			1		
0																				\dashv	\dashv				· · · · · ·	
Tin	nė in:		Time Out:		Tota	l Ho	urs:					 - - :	<u>.</u>	<u> </u>	Sig	natu	re:	<u></u> l	Print	Nan	ue:					
	Released by Date/Time (Signature) Released Delivery Method								ceiv igna						/Time	Com	pany Affilia			7	Co	ndition N	loted			
1	The party of	<i>'</i>	6/6/65 35 am	Mes	Cas	عرد.	<u> </u>		(H)	-					KIX .	6000								
				•			- 1					<u>-</u> :				-	15	PM		<u>. </u>			1			
						: :				То	Arci	hive	/Dis	ров	aļ	S/	BY EMSL	CEPTED FOR ANALYTICAL	NALYS	S			+	-		
omi	ments:				٠.													HICAGO, IL					1			

Appendix B: XRF Results

Lead-Based Paint XRF Analysis Report

U.S. Naval Facilities Engineering Command (NAVFAC) Midwest Project # 421.031.01
Building 1017- Recruit Dental Clinic Analyst: Irma Romiti

Building 1017- Recruit Dental Clinic Analyst: Irma Romiti
Naval Station, Great Lakes, Illinois Action Level: 1mg/cm²

Test Date: 6/2/2006

Room	Location	Component	Substrate	Condition	Color	Value	Result
Room 102	North Wali	Wall	Plaster	Satisfactory	White	-0.68	Negative
Room 102	East Wall	Wall	Plaster	Satisfactory	White	-0.87	Negative
Room 102	South Wall	Wall	Plaster	Satisfactory	White	0.04	Negative
Room 102	West Wall	Wall	Plaster	Satisfactory	White	-0.57	Negative
Room 102	East Wall	Door	Wood	Satisfactory	Brown	-0.07	Negative
Room 102	East Wall	Door Case	Metal	Satisfactory	Green	0.23	Negative
Room 102	West Wall	Radiator	Metal	Satisfactory	White	-0.27	Negative
Room 102	Ceiling	Ceiling	Metal	Satisfactory	White	-0.14	Negative
Area 129- 1st Floor Corridor	North Wall	Wall	Masonry	Satisfactory	White	-0.53	Negative
Area 145- 1st Floor Corridor	North Wall	Wail	Masonry	Satisfactory	White	-0.24	Negative
1st Floor Corridor	North Wall	Wall	Masonry	Satisfactory	White	0.18	Negative
Area 146- 1st Floor Corridor	East Wall	Wall	Masonry	Satisfactory	White	-1.08	Negative
Area 137- 1st Floor Corridor	East Wall	Wall	Masonry	Satisfactory	White	-0.19	Negative
Area 129- 1st Floor Corridor	South Wall	Wall	Masonry	Satisfactory	White	-0.69	Negative
Area 145- 1st Floor Corridor	South Wall	Wall	Masonry	Satisfactory	White	-1.26	Negative
Area 146- 1st Floor Corridor	West Wall	Wall	Masonry	Satisfactory	White	0.14	Negative
Area 137- 1st Floor Corridor	West Wall	Wall	Masonry	Satisfactory	White	-0.44	Negative
Area 137/129- 1st Floor Corridor	Ceiling	Ceiling	Metal	Satisfactory	White	0.00	Negative
Area 129- 1st Floor Corridor	North Wall	Wall	Plaster	Satisfactory	White	-0.22	Negative
Area 145- 1st Floor Corridor	North Wall	Wall	Plaster	Satisfactory	White	-1.13	Negative
Area 146- 1st Floor Corridor	East Wall	Wall	Plaster	Satisfactory	White	-1.19	Negative
Area 137- 1st Floor Corridor	East Wall	Wall	Plaster	Satisfactory	White	0.12	Negative
Area 129- 1st Floor Corridor	South Wall	Wall	Plaster	Satisfactory	White	-1.58	Negative
Area 145- 1st Floor Corridor	South Wall	Wall	Plaster	Satisfactory	White	-0.29	Negative
Area 146- 1st Floor Corridor	West Wall	Wall	Plaster	Satisfactory	White	-0.61	Negative
Area 137- 1st Floor Corridor	West Wall	Wall	Plaster	Satisfactory	White	-0.05	Negative
Area 137- 1st Floor Corridor	West Wall	Raceway	Metal	Satisfactory	Purple	0.16	Negative
Area 137- 1st Floor Corridor	West Wall	Raceway	Metal	Satisfactory	Purple	0.23	Negative

Lead-Based Paint XRF Analysis Report

U.S. Naval Facilities Engineering Command (NAVFAC) Midwest
Building 1017- Recruit Dental Clinic
Naval Station, Great Lakes, Illinois

Project # 421.031.01
Irma Romiti
Action Level: 1mg/cm²

Test Date: 6/2/2006

Room	Location	Component	Substrate	Condition	Color	Value	Result
Area 137- 1st Floor Corridor	West Wall	Raceway	Metal	Satisfactory	Purple	0.47	Negative
Area 129- 1st Floor Corridor	North Wall	Door	Metal	Satisfactory	Green	-0.43	Negative
Room 134- Mens Locker Room	North Wall	Wall	Plaster	Satisfactory	White	-0.47	Negative
Room 134- Mens Locker Room	South Wall	Wali	Plaster	Satisfactory	White	-0.54	Negative
Room 134- Mens Locker Room	East Wall	Wall	Plaster	Satisfactory	White	0.37	Negative
Room 134- Mens Locker Room	West Wall	Wall	Plaster	Satisfactory	White	0.18	Negative
Room 134- Mens Locker Room	Ceiling	Ceiling	Plaster	Satisfactory	White	-1.45	Negative
Room 133- Mens Washroom	North Wall	Wall	Plaster	Satisfactory	Cream	0.30	Negative
Room 133- Mens Washroom	East Wall	Wall	Plaster	Satisfactory	Cream	0.09	Negative
Room 133- Mens Washroom	South Wall	Wall	Plaster	Satisfactory	Cream	-0.33	Negative
Room 133- Mens Washroom	West Wall	Wall	Plaster	Satisfactory	Cream	0.03	Negative
Room 133- Mens Washroom	Ceiling	Ceiling	Plaster	Satisfactory	Cream	0.02	Negative
Room 133- Mens Washroom	North Wall	Wall	Masonry	Satisfactory	Beige	-0.17	Negative
Room 133- Mens Washroom	East Wall	Wall	Masonry	Satisfactory	Beige	-0.18	Negative
Room 133- Mens Washroom	South Wall	Wall	Masonry	Satisfactory	Beige	-0.31	Negative
Room 133- Mens Washroom	West Wall	Wall	Masonry	Satisfactory	Beige	-0.03	Negative
Room 133- Mens Washroom	South Wall	Door	Wood	Satisfactory	Brown	-0.50	Negative
Room 133- Mens Washroom	Floor	Partitions	Metal	Satisfactory	Beige	-0.59	Negative
Room 133- Mens Washroom	Floor	Floor	Ceramic	Satisfactory	Brown	0.41	Negative
Room 133- Mens Washroom	Floor	Floor	Ceramic	Satisfactory	Brown	0.08	Negative
Room 133- Mens Washroom	Floor	Floor	Ceramic	Satisfactory	Brown	-0.04	Negative
Room 135- Endo Conference	North Wall	Wall	Wood	Satisfactory	White	-0.46	Negative
Room 135- Endo Conference	East Wall	Wall	Wood	Satisfactory	White	-0.17	Negative
Room 135- Endo Conference	West Wall	Wall	Wood	Satisfactory	White	-0.83	Negative
Area 136- 1st Floor Corridor	North Wall	Wall	Plaster	Satisfactory	Green	-0.46	Negative
Room 107	North Wall	Wall	Plaster	Satisfactory	White	-0.61	Negative
Room 107	East Wall	Wall	Plaster	Satisfactory	White	-1.18	Negative
Room 107	South Wall	Wall	Plaster	Satisfactory	White	-0.50	Negative

Lead-Based Paint XRF Analysis Report

U.S. Naval Facilities Engineering Command (NAVFAC) Midwest Building 1017- Recruit Dental Clinic

Naval Station, Great Lakes, Illinois

Project # Analyst:

421.031.01 Irma Romiti

Action Level: 1mg/cm²

Test Date: 6/2/2006

Room	Location	Component	Substrate	Condition	Color	Value	Result
Room 107	West Wall	Wall	Plaster	Satisfactory	White	-0.29	Negative
Room 107	Ceiling	Ceiling	Metal	Satisfactory	White	-0.08	Negative
Area 112B- Vestibule	North Wall	Radiator	Metal	Satisfactory	White	0.01	Negative
Area 112B- Vestibule	East Wall	Door	Metal	Satisfactory	Green	0.18	Negative
Area 112B- Vestibule	East Wall	Door Case	Metal	Satisfactory	Green	0.32	Negative
Room 115	North Wall	Wall	Plaster	Satisfactory	White	-1.04	Negative
Room 115	East Wall	Wall	Plaster	Satisfactory	White	0.10	Negative
Room 115	South Wall	Wall	Plaster	Satisfactory	White	0.02	Negative
Room 115	West Wall	Wall	Plaster	Satisfactory	White	-0.20	Negative
Room 115	South Wall	Radiator	Metal	Satisfactory	White	0.05	Negative
Room 116	North Wall	Wall	Plaster	Satisfactory	White	-1.38	Negative
Room 116	East Wall	Wall	Plaster	Satisfactory	White	-1.74	Negative
Room 116	South Wall	Wall	Plaster	Satisfactory	White	-0.49	Negative
Room 116	West Wall	Wall	Plaster	Satisfactory	White	-2.00	Negative
Room 147- Janitor Closet	North Wall	Wall	Masonry	Satisfactory	White	0.49	Negative
Room 147- Janitor Closet	East Wall	Wall	Masonry	Satisfactory	White	-0.40	Negative
Room 147- Janitor Closet	South Wall	Wall	Masonry	Satisfactory	White	0.32	Negative
Room 147- Janitor Closet	North Wall	Wall	Masonry	Satisfactory	White	-0.17	Negative
Room 147- Janitor Closet	East Wall	Wall	Masonry	Satisfactory	White	-0.81	Negative
Room 147- Janitor Closet	South Wall	Wall	Masonry	Satisfactory	White	-0.05	Negative
Room 147- Janitor Closet	West Wall	Wall	Masonry	Satisfactory	White	-0.13	Negative
Room 147- Janitor Closet	West Wall	Door	Metal	Satisfactory	White	-1.74	Negative
Room 141- Female Officer Locker Room	South Wall	Wall	Plaster	Satisfactory	White	-0.25	Negative
Room 142- Female Officer Washroom	North Wall	Wall	Masonry	Satisfactory	White/Gray	-1.18	Negative
Room 142- Female Officer Washroom	East Wall	Wall	Masonry	Satisfactory	White/Gray	-1.08	Negative
Room 142- Female Officer Washroom	South Wall	Wall	Masonry	Satisfactory	White/Gray	0.27	Negative
Room 142- Female Officer Washroom	West Wall	Wall	Masonry	Satisfactory	White/Gray	-0.82	Negative
Stairwell S3 (Northeast Stairwell)	North Wall	Wall	Masonry	Satisfactory	White	-0.16	Negative

Lead-Based Paint XRF Analysis Report

U.S. Naval Facilities Engineering Command (NAVFAC) Midwest
Building 1017- Recruit Dental Clinic
Naval Station, Great Lakes, Illinois
Project # 421.031.01
Irma Romiti
Action Level: 1mg/cm²
Test Date: 6/2/2006

Room	Location	Component	Substrate	Condition	Color	Value	Result
Stairwell S3 (Northeast Stairwell)	East Wall	Wall	Masonry	Satisfactory	White	-0.68	Negative
Stairwell S3 (Northeast Stairwell)	South Wall	Wall	Masonry	Satisfactory	White	-0.01	Negative
Stairwell S3 (Northeast Stairwell)	West Wall	Wall	Masonry	Satisfactory	White	-0.06	Negative
Stairwell S3 (Northeast Stairwell)	Floor	Stair Riser	Metal	Satisfactory	Green	-1.47	Negative
Stairwell S3 (Northeast Stairwell)	Floor	Stair Stringer	Metal	Satisfactory	Green	-0.63	Negative
Stairwell S3 (Northeast Stairwell)	Floor	Stair Railings	Metal	Satisfactory	Green	0.17	Negative
Stairwell S3 (Northeast Stairwell)	East Wall	Radiator	Metal	Satisfactory	Green	0.01	Negative
Stairwell S3 (Northeast Stairwell)- 1st FL	North Wall	Door	Metal	Satisfactory	Green	-0.28	Negative
Stairwell S3 (Northeast Stairwell)- 1st FL	North Wall	Door Jamb	Metal	Satisfactory	Green	-0.14	Negative
Stairwell S3 (Northeast Stairwell)- 2nd FL	West Wall	Door	Metal	Satisfactory	Green	-0.43	Negative
Room 211C	North Wall	Wali	Plaster	Satisfactory	Cream	-1.20	Negative
Room 211C	East Wall	Wall	Plaster	Satisfactory	Cream	-0.70	Negative
Room 211C	South Wall	Wall	Plaster	Satisfactory	Cream	-0.92	Negative
Room 211C	West Wall	Wall	Plaster	Satisfactory	Cream	-1.53	Negative
Room 211B	North Wall	Wall	Ceramic	Satisfactory	Green	17.21	Positive
Room 211B	East Wall	Wall	Ceramic	Satisfactory	Green	17.87	Positive
Room 211B	South Wall	Wall	Ceramic	Satisfactory	Green	15.75	Positive
Room 211B	West Wall	Wall	Ceramic	Satisfactory	Green	17.64	Positive
Room 212	North Wall	Wall	Ceramic	Satisfactory	White	15.95	Positive
Room 212	East Wall	Wall	Ceramic	Satisfactory	White	15.66	Positive
Room 213	North Wall	Wall	Ceramic	Satisfactory	White	16.02	Positive
Room 214	North Wall	Wall	Ceramic	Satisfactory	White	14.83	Positive
Room 215	North Wall	Wall	Ceramic	Satisfactory	White	12.72	Positive
Room 239- Female Head Washroom	North Wall	Wall	Masonry	Satisfactory	Gray	-0.20	Negative
Room 239- Female Head Washroom	East Wall	Wall	Masonry	Satisfactory	Gray	-1.96	Negative
Room 239- Female Head Washroom	South Wall	Wall	Masonry	Satisfactory	Gray	0.10	Negative
Room 239- Female Head Washroom	Floor	Partitions	Metal	Satisfactory	White	0.30	Negative
Room 239- Female Head Washroom	Floor	Partitions	Metal	Satisfactory	White	0.10	Negative

Lead-Based Paint XRF Analysis Report

U.S. Naval Facilities Engineering Command (NAVFAC) Midwest
Building 1017- Recruit Dental Clinic
Naval Station, Great Lakes, Illinois

Project # 421.031.01
Irma Romiti
Action Level: 1mg/cm²
Test Date: 6/2/2006

Room	Location	Component	Substrate	Condition	Color	Value	Result
Stairwell S1 (Central Stairwell)	Floor	Stair Riser	Metal	Satisfactory	Gray	0.08	Negative
Stairwell S1 (Central Stairwell)	Floor	Stair Stringer	Metal	Satisfactory	Gray	0.22	Negative
Stairwell S1 (Central Stairwell)	Floor	Stair Handrail	Metal	Satisfactory	Gray	-0.48	Negative
Stairwell S1 (Central Stairwell)	East Wall	Wall	Masonry	Satisfactory	White	-0.89	Negative
Stairwell S1 (Central Stairwell)	South Wall	Wall	Masonry	Satisfactory	White	-1.57	Negative

Appendix C: Inspector Licenses



State of Illinois ALERLYS epartment of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has compiled with the provisions of the illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

Issued under the authority of The State of Illinois Department of Public Health

EXPIRATION DATE		CATEGORY	L D. NUMBER
	ville in	- 3- 16 T	

BUSINESS ADDRESS

Printed by Authority of the State of illinois ● 2/91 ●

THE PERSON, FIRM OR CORPORATION WHOSE NAME APPEARS ON THIS CERTIFICATE HAS COMPLIED WITH THE PROVISIONS OF THE ILLINOIS STATUTES AND/OR RULES AND REGULATIONS AND IS HEREBY AUTHORIZED TO ENGAGE IN THE ACTIVITY INDICATED ON THE FACE OF THIS CARD.



ISSUED UNDER THE AUTHORITY OF STATE OF ILLINOIS
DEPARTMENT OF PUBLIC HEALTH

GNATURE OF LICENSEE

State of Illinois A 162175
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION

EXPIRATION DATE		
- CAJE	CATEGORY	I.D. NUMBER
	The Property of the Contract of	TO NOMBER



State of Illinois ALSTLTE Department of Public Health (LICENSE, PERMIT, CERTIFICATION, REGISTRATION) The person, firm or corporation whose name appears on this certificate has compiled with the provisions of the illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below. ERIC E. WHITAKER, M.D. M.P.H. | Saued under the authority of The State of Illinois | DIRECTOR | Linux
State of Illinois A 157176 Department of Public Health LICENSE, PERMIT, CERTIFICATION, REGISTRATION

ASBESTOS PROFESSIONAL LICENSE

EXPENSION DATE 05/15/2006

100-09967

ZACHERY

MANAGEMENT PLANNER

INSPECTOR

THE PERSON, FIRM OR CORPORATION WHOSE NAME APPEARS ON THIS CERTIFICATE HAS COMPLIED WITH THE PROVISIONS OF THE ILLINOIS STATUTES AND/OR RULES AND REGULATIONS AND IS HEREBY AUTHORIZED TO ENGAGE IN THE ACTIVITY INDICATED ON THE FACE OF THIS CARD.



ISSUED UNDER THE AUTHORITY OF STATE OF ILLINOIS DEPARTMENT OF PUBLIC HEALTH

SIGNATURE OF LICENSEE